



Fig. 1
(PRIOR AP)

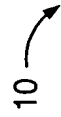
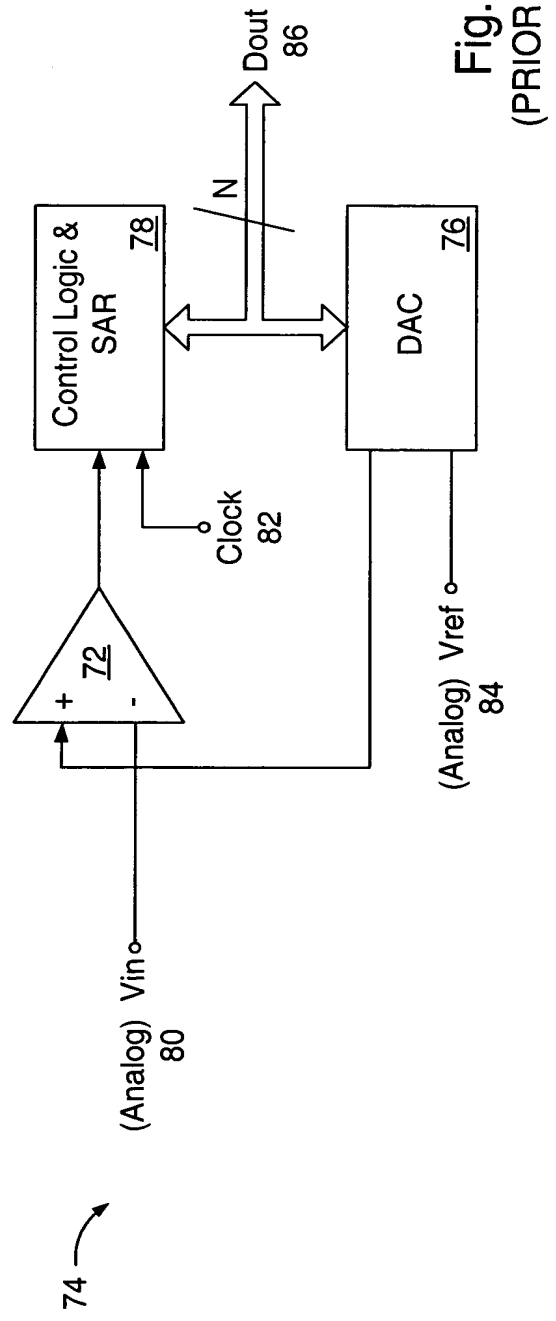
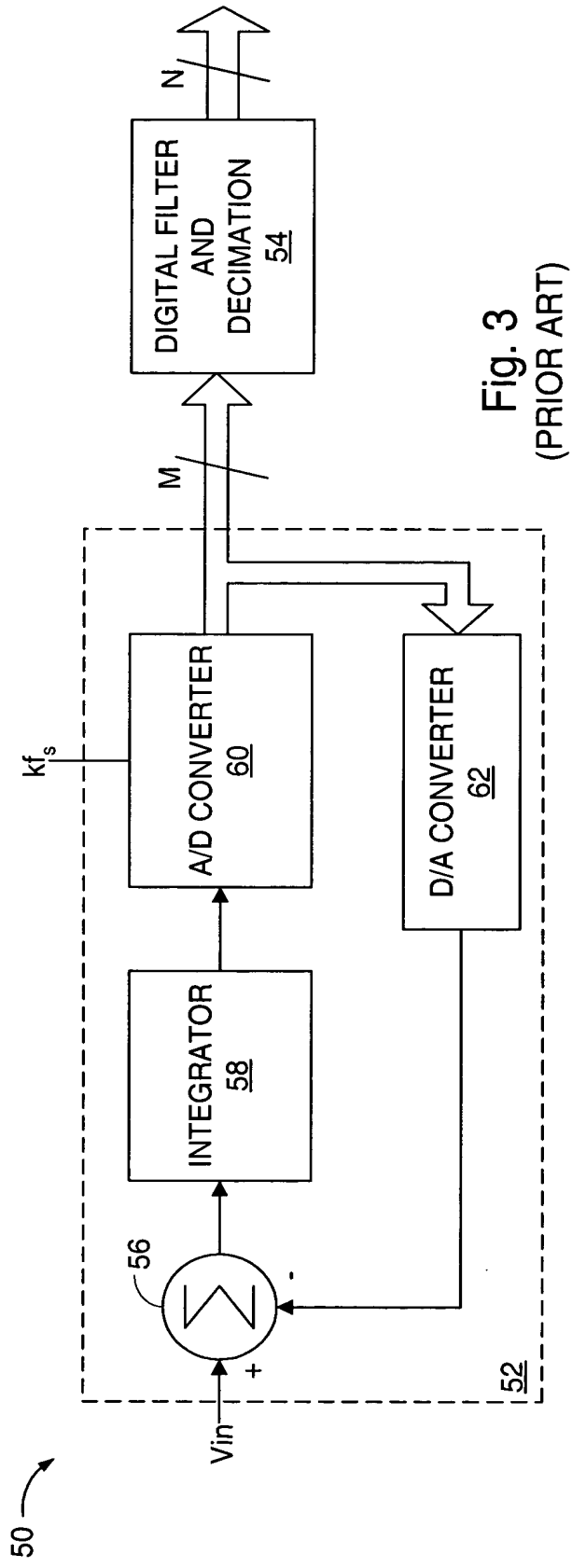


Fig. 2
(PRIOR ART)



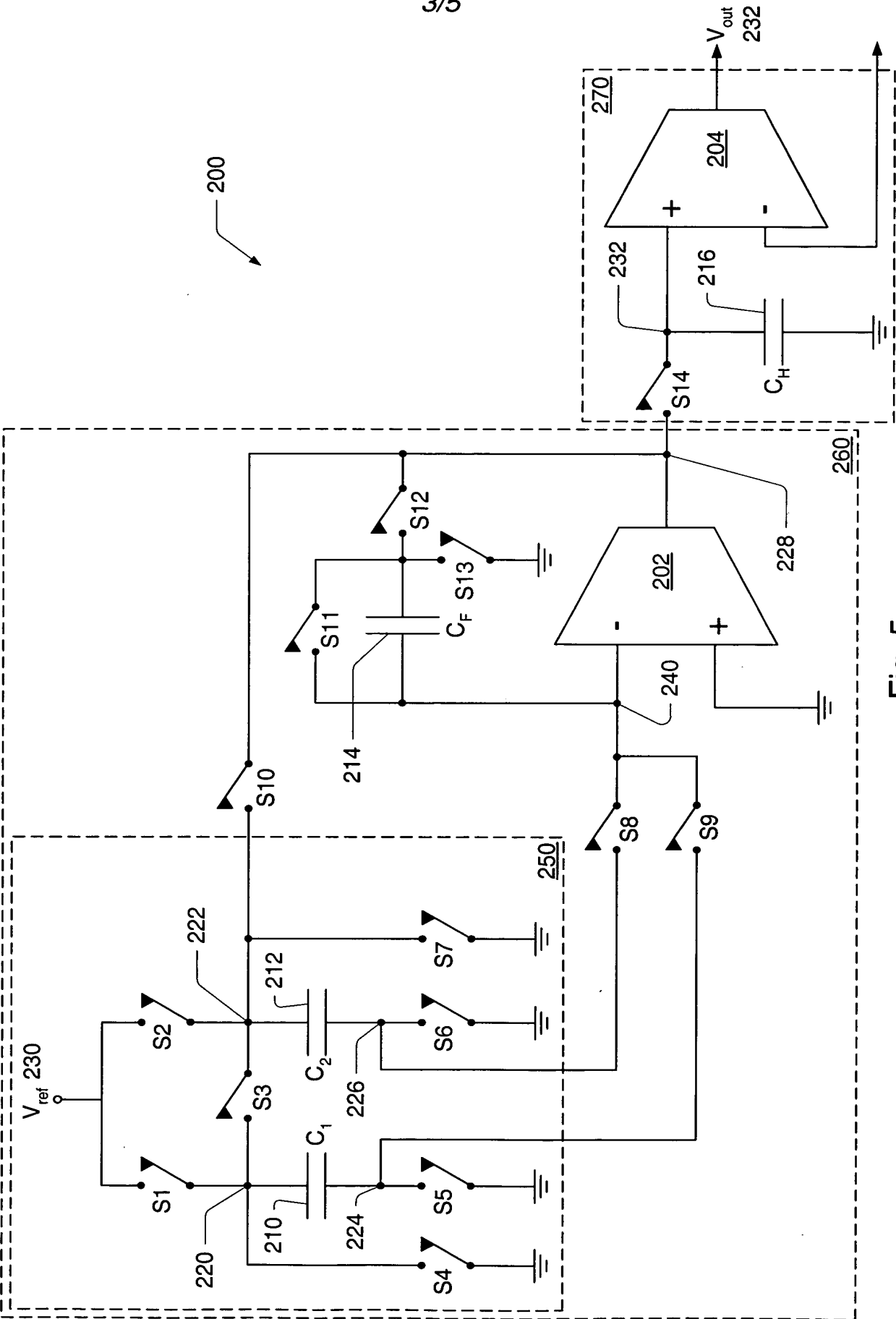


Fig. 5

	m	n	Error Terms
Bit 1	1	1	$1/2 * (-\Delta^2)$
	2	0	$1/4 * (\Delta^2)$
Bit 2	2	1	$1/4 * (-\Delta^2)$
	3	0	$1/4 * (3*\Delta^2)$
Bit 3	2	2	$1/8 * (-2*\Delta^2 + \Delta^4)$
	3	1	$1/8 * (-\Delta^4)$
	4	0	$1/8 * (6*\Delta^2 + \Delta^4)$
Bit 4	3	2	$1/16 * (-2*\Delta^2 + \Delta^4)$
	4	1	$1/16 * (2*\Delta^2 - 3*\Delta^4)$
	5	0	$1/16 * (10*\Delta^2 + 5*\Delta^4)$
Bit 5	3	3	$1/32 * (-3*\Delta^2 + 3*\Delta^4)$
	4	2	$1/32 * (-\Delta^2 - \Delta^4)$
	5	1	$1/32 * (5*\Delta^2 - 5*\Delta^4)$
	6	0	$1/32 * (15*\Delta^2 + 15*\Delta^4)$
Bit 6	4	3	$1/64 * (-3*\Delta^2 + 3*\Delta^4)$
	5	2	$1/64 * (\Delta^2 - 5*\Delta^4)$
	6	1	$1/64 * (9*\Delta^2 - 5*\Delta^4)$
	7	0	$1/64 * (21*\Delta^2 + 35*\Delta^4)$
Bit 7	4	4	$1/128 * (-4*\Delta^2 + 6*\Delta^4)$
	5	3	$1/128 * (-2*\Delta^2)$
	6	2	$1/128 * (4*\Delta^2 - 10*\Delta^4)$
	7	1	$1/128 * (14*\Delta^2)$
	8	0	$1/128 * (28*\Delta^2 + 70*\Delta^4)$
Bit 8	5	4	$1/256 * (-4*\Delta^2 + 6*\Delta^4)$
	6	3	$1/256 * (-6*\Delta^2)$
	7	2	$1/256 * (8*\Delta^2 - 14*\Delta^4)$
	8	1	$1/256 * (20*\Delta^2 + 14*\Delta^4)$
	9	0	$1/256 * (36*\Delta^2 + 126*\Delta^4)$
Bit 9	5	5	$1/512 * (-5*\Delta^2 + 10*\Delta^4)$
	6	4	$1/512 * (-3*\Delta^2 + 2*\Delta^4)$
	7	3	$1/512 * (3*\Delta^2 - 14*\Delta^4)$
	8	2	$1/512 * (13*\Delta^2 - 14*\Delta^4)$
	9	1	$1/512 * (27*\Delta^2 + 42*\Delta^4)$
	10	0	$1/512 * (45*\Delta^2 + 210*\Delta^4)$
Bit 10	6	5	$1/1024 * (-5*\Delta^2 + 10*\Delta^4)$
	7	4	$1/1024 * (-\Delta^2 - 6*\Delta^4)$
	8	3	$1/1024 * (7*\Delta^2 - 22*\Delta^4)$
	9	2	$1/1024 * (19*\Delta^2 - 6*\Delta^4)$
	10	1	$1/1024 * (35*\Delta^2 + 90*\Delta^4)$
	11	0	$1/1024 * (55*\Delta^2 + 330*\Delta^4)$
Bit 11	6	6	$1/2048 * (-6*\Delta^2 + 15*\Delta^4)$
	7	5	$1/2048 * (-4*\Delta^2 + 5*\Delta^4)$
	8	4	$1/2048 * (2*\Delta^2 - 17*\Delta^4)$
	9	3	$1/2048 * (12*\Delta^2 - 27*\Delta^4)$
	10	2	$1/2048 * (26*\Delta^2 + 15*\Delta^4)$
	11	1	$1/2048 * (44*\Delta^2 + 165*\Delta^4)$
Bit 12	12	0	$1/2048 * (66*\Delta^2 + 495*\Delta^4)$
	7	6	$1/4096 * (-6*\Delta^2 + 15*\Delta^4)$
	8	5	$1/4096 * (-2*\Delta^2 - 5*\Delta^4)$
	9	4	$1/4096 * (6*\Delta^2 - 29*\Delta^4)$
	10	3	$1/4096 * (18*\Delta^2 - 25*\Delta^4)$
	11	2	$1/4096 * (34*\Delta^2 + 55*\Delta^4)$
	12	1	$1/4096 * (54*\Delta^2 + 275*\Delta^4)$
Bit 13	13	0	$1/4096 * (78*\Delta^2 + 715*\Delta^4)$
	7	7	$1/8192 * (-7*\Delta^2 + 21*\Delta^4)$
	8	6	$1/8192 * (-5*\Delta^2 + 9*\Delta^4)$
	9	5	$1/8192 * (\Delta^2 - 19*\Delta^4)$
	10	4	$1/8192 * (11*\Delta^2 - 39*\Delta^4)$
	11	3	$1/8192 * (25*\Delta^2 - 11*\Delta^4)$
	12	2	$1/8192 * (43*\Delta^2 + 121*\Delta^4)$
	13	1	$1/8192 * (65*\Delta^2 + 429*\Delta^4)$
	14	0	$1/8192 * (91*\Delta^2 + 1001*\Delta^4)$

Fig. 6

5/5

bit 1 (MSB)

bit 2

bit 3

bit 4

bit 5

bit 6

bit 7

bit 8

bit 9

bit 10

bit 11

bit 12

bit 13

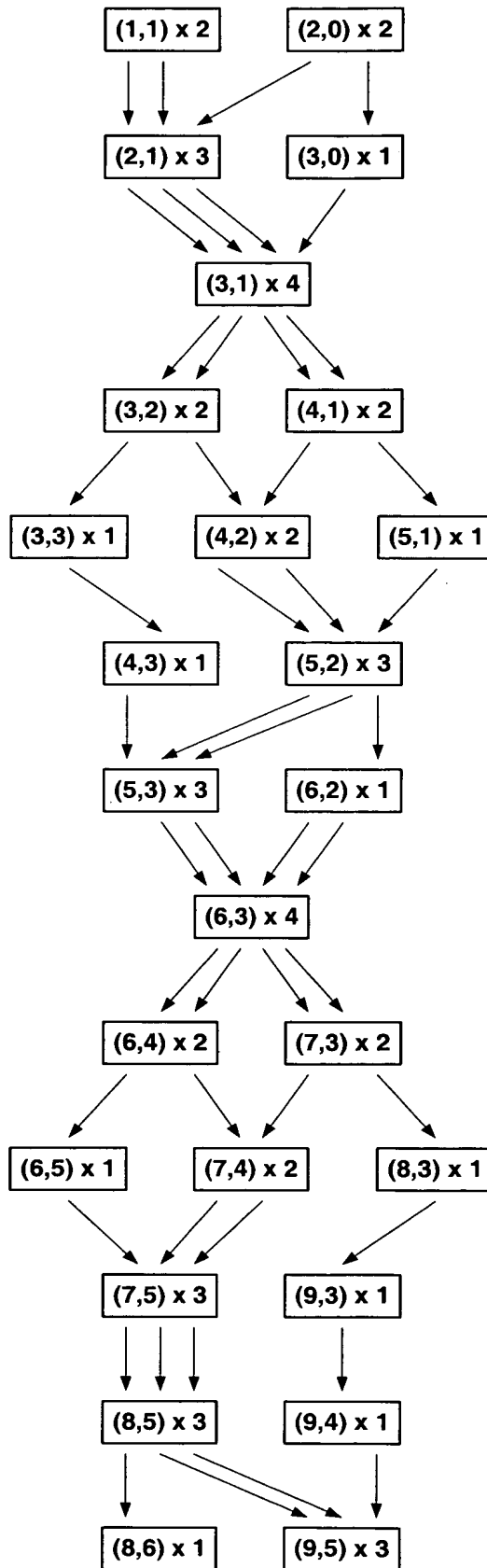


Fig. 7